



**US Army Corps
of Engineers®**
New York District

Raritan Bay and Sandy Hook Bay, NJ UNION BEACH, NJ

Hurricane and Storm Damage Reduction

FACT SHEET

DESCRIPTION: The problem area is located in the northern portion of Monmouth County, New Jersey. It occupies an approximate 1.8 square mile area of land along the coast of Raritan Bay. The area is located in low elevation regions with numerous small creeks providing drainage. Low-lying residential and commercial structures in the area experience flooding caused by coastal storm inundation. This problem has progressively worsened in recent years due to loss of protective beaches and increased urbanization in the area with structures susceptible to flooding from rainfall and coastal storm surges, erosion and wave attack, combined with restrictions to channel flow in the tidal creeks.

AUTHORIZATION: The Flood Control Act of 12 October 1962 authorized an existing Federal project for the bayshore area as a dual purpose Beach Erosion Control and Hurricane Protection Project in accordance with House Document No. 464, 86th Congress, Second session. The recent feasibility study was authorized by a resolution of the Committee on Public Works and Transportation, U.S. House of Representatives, adopted August 1, 1990.

STATUS: A favorable reconnaissance report for Raritan Bay, and Sandy Hook Bay, was completed in March 1993. The report recommended a feasibility study for Port Monmouth and also recommended that four additional communities, including Union Beach, proceed into separate cost-shared feasibility studies. A Feasibility Cost Sharing Agreement was executed with the State of New Jersey Department of Environmental Protection (NJDEP) in April 1997 and the study was initiated upon receipt of the non-Federal funds. The draft Feasibility report and Environmental Impact Statement (EIS) were prepared in April 2003 and the Division Engineer's Public Notice of the final report was signed in September 2003. The final Feasibility report and Environmental Impact Statement (EIS) were approved and released to the public in January 2004.

A \$97 million project plan for storm damage reduction was recommended. The project would consist of a combination of levee/floodwall elements, and several outlet structures; along with a shorefront element. The plan would also consist of wetland mitigation sites to mitigate for the loss of wetlands due to the project. Following Headquarters' approval of the final feasibility report and EIS, execution of the PED Agreement, with the NJDEP, for the final design of the project, will take place in late 2004.

PROJECT COST: (Feasibility Study Cost):

Estimated Federal Cost	\$2,171,000
Estimated Non-Federal Cost	\$2,171,000
Total	<hr/> \$4,342,000

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